SAFETY, ONE OF THE MOST IMPORTANT CONCERNS OF RADIO CONTROL, REQUIRES PROTECTION FROM FREQUENCY INTERFERENCE. GREAT CARE IS EXERCISED AT OUR FLYING SITES TO PREVENT INTERFERENCE BY EACH OTHER WHILE USING R/C RADIOS IN THE IMMEDIATE AREA. FREQUENCY INTERFERENCE EVEN OF A SHORT DURATION WILL PROBABLY RESULT IN THE LOSS OF CONTROL OF A FLYING MODEL AND RESULTANT CRASH. THE AVERAGE R/C MODEL WEIGHS IN AT 5 TO 20 POUNDS AND AIR SPEED MAY APPROACH 200 MPH. LOSS OF R/C FROM

MODEL AVIATION IS A GREAT SOURCE OF MANY HOURS OF PLEASURE AND THE ECONOMY IS AIDED BY THE RESULTS OF NEEDS OF IT. IT PROVIDES ENJOYMENT AND THE WONDER OF IT TO THOUSANDS OF PEOPLE AND DOES

FEB 18 1993

The Honorable William F. Clinger, Jr.
House of Representatives
Washington, DC 20515

Dear Mr. Clinger:

I am a member of a local model airplane club. The Kinzua

FEB 04 1992

January 28,1993

The Honorable Representative William F. Clinger
U.S. House of Representatives
Washington, D.C. 20515

Dear Sir:

I am writing in response to Proposal Rule PR Docket # 92-235.

My husband and I are both retired and enjoy many hours of pleasure from building and flying many radio controlled Airplane. Models etc.

I and my husband own several Radios that if the frequencies assignment is adopted would be unusable.

The Models we build and fly weigh as much as between 7-10lbs. and operate at great speeds.

Since the proposed new frequencies are so close, interference will occur and render most model frequencies unusable, which could cause bodily injury or property damage because of in-operable planes etc.

Hoping you will consider the above before making any decision on the above Proposal Rule, Docket # 92-235.

Thanking you for any consideration you give this matter, I am

Yours truly,

Mrs. Jean Garbrick

522 Willowbank Street
Bellefonte, Pa. 16823

FEB 04 1992

Subject: F.C.C. Notice of Proposed Rule Making (NPRM-PR Docket 92-235)

To: The Honorable William F. Clinger, Jr.
House of Representatives
Washington, DC 20515

From: Kinzua Aeromodelers
William Fehrenbach, Secretary/Treasurer
48 Cobham Park Rd. William Fehrenbach
Warren PA 16365

Therefore, I am once again
[illegible] urge you to vote against

321 E. 5TH AV.
WARREN, PA. 16365

FEB 11 1992

The Honorable William F. Clinger, Jr.
House of Representatives
Washington, DC 20515

Dear Mr. Clinger:

I am a member of a local model airplane club, The Kinzua Aeromodelers, and have enjoyed the sport of radio controlled model aircraft flying for many years.

I am very concerned about the Federal Communications Commissions' proposal (PR Docket 92-235) that would greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model aircraft.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either user interfering with the other.

The F.C.C. now wants to create more land mobile frequencies by splitting them into narrower band widths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I have been told that our available channels would be reduced from 50 to 19 if these rules are adopted.

Modelers go to great lengths to assure the safety of other flyers and spectators and the protection of property. Many of our safety precautions involve the coordination and use of our frequencies. If we have less frequencies to use, the remaining frequencies will become

FEB 11 1992

January 30, 1993

The Honorable William F. Clinger, Jr.
2160 Rayburn House Office Building
Washington, DC 25015-3828

Subject: PR Docket 92-235 FCC Notice of Proposed Rule Making

Dear Mr. Clinger:

I have been involved in the model aircraft hobby since I was a very young child. It has provided me with an opportunity to be creative in an educational way. During my growing years, I learned to work with wooden airframes, highly advanced small gas powered engines, and the principals of aerodynamics.

This early modeling background helped form my school and service years. Because of my interest in aviation, I chose to serve four years in the U. S. Air Force during the Korean crisis as an aircraft electrician. This lead to my college schooling where I majored in Electrical Engineering. I received a Bachelor's degree from Penn State University and a Master's degree from MIT. The years in model aircraft building and flying before my college years gave me a very strong practical background in the technical areas I pursued at college.

Radio control of model aircraft became practical soon after I graduated from college. Building and flying radio controlled models were a natural extension of my model aircraft hobby. The past thirty years have been spent enjoying the hobby and helping newcomers to the hobby.

Recently, I have been actively engaged in teaching local youth the art of building and flying model airplanes. The teaching is done in model building courses sponsored by the State College Area Parks and Recreation Department. These courses address the fundamental skills needed in building and flying model aircraft. They do not involve radio controlled model aircraft. However, radio control modeling has been the incentive for young people to take these courses.

I have been pleased with the progress that has been made in making more channels available for the use of radio control modelling in the past. The 72/75 MHz. frequencies have significantly improved the safety of the radio control model aircraft hobby.

In the early days of Citizen Band operation, interference from citizen band radios resulted in unreliable model aircraft operation. The interference was

both unintentional and intentional. I lost several model aircraft and radios due to interference related model aircraft crashes. At one flying site, continuing intentional interference from a hidden source was detected. This intentional interference was reported to the FCC. Their response was that it would be too difficult and expensive to locate and prosecute the offender. Fortunately, no one was harmed in any of the model aircraft crashes. However, modelers, spectators, and persons living near the flying field were at risk.

With the addition of the 72/75 MHz. frequencies, the interference problem was dramatically reduced and has continued to be very low.

I understand that the proposed legislation (NPRM-PR Docket 92-235) will introduce other users into the frequency bands now used by the model aircraft. This will create an interference problem comparable to that experienced in the Citizen Band era. If implemented, this will have a disastrous effect on the hobby.

My current investment in radio and model aircraft equipment is estimated at $2500. This fiscal investment and the time I have invested in building the model aircraft would be for naught if this legislation were enacted.

The opportunity for our youth to become involved in a safe hobby that has many long term payoffs will be lost. In this era of over litigation and unreasonable liability, no one can risk operating a model aircraft with an unreliable radio control channel.

Sincerely Yours

Albert F. Niessner, Jr.
Senior Research Associate
Pennsylvania State University

936 Crabapple Drive
State College, Pa. 16801

The Honorable William F. Clinger, Jr.
House of Representatives
Washington, DC 20515

Dear Mr. Clinger:

I am a member of a local model airplane club, The Kinzua Aeromodelers, and have enjoyed the sport of radio controlled model aircraft flying for many years.

I am very concerned about the Federal Communications Commissions' proposal (PR Docket 92-235) that would greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model aircraft.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either user interfering with the other.

The F.C.C. now wants to create more land mobile frequencies by splitting them into narrower band widths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I have been told that our available channels would be reduced from 50 to 19 if these rules are adopted.

Modelers go to great lengths to assure the safety of other flyers and spectators and the protection of property. Many of our safety precautions involve the coordination and use of our frequencies. If we have less frequencies to use, the remaining frequencies will become congested and safety will decrease.

Our models have become larger, heavier and more costly. They are capable of causing personal injury and property damage if radio interference causes the operator to lose control of the aircraft. We need all our present channels, especially at large model events where numerous flyers are present, to ensure a safe flying environment.

I do not feel that the F.C.C. should expand the operating conditions of land mobile radio users at the expense of radio control modelers. The F.C.C. may not think we are as important as business users of radios, but we have a considerable investment in our models and radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me to continue the safe enjoyment of my pastime by not allowing the F.C.C. to carry out its proposals for the 72-76 MHz band.

Sincerely,

Paul C Slagle

FEB 10 1992

The Honorable William F. Clinger, Jr.
House of Representatives
Washington, DC 20515

Dear Mr. Clinger:

I am a member of a local model airplane club, The Kinzua Aeromodelers, and have enjoyed the sport of radio controlled model aircraft flying for many years.

I am very concerned about the Federal Communications Commissions' proposal (PR Docket 92-235) that would greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model aircraft.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either user interfering with the other.

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Please help me to continue the safe enjoyment of my pastime by not allowing the F.C.C. to carry out its proposals for the 72-76 MHz band.

Sincerely,

William Rekenbach
AMA 62659
2-1-93

The Honorable William F. Clinger, Jr.
House of Representatives
Washington, DC 20515

Dear Mr. Clinger:

I am a member of a local model airplane club, The Kinzua Aeromodelers, and have enjoyed the sport of radio controlled model aircraft flying for many years.

I am very concerned about the Federal Communications Commissions' proposal (PR Docket 92-235) that would greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model aircraft.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either user interfering with the other.

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John LeFrancois
125 Oakwood Drive
State College, Pa. 16801

FEB 09 1992

January 29, 1993

The Honorable William F. Clinger Jr.
c/o House of Representatives
Washington, D.C. 20515

Dear Mr. Clinger:

I have been retired since 1981 and have enjoyed many hours constructing and operating radio-controlled model airplanes. I am very concerned about proposed rules that are being considered by the Federal Communications Commission (proceeding PR Docket 92-235). The new rules would greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for radio-controlled model airplanes.

Our control frequencies are in the 72-76 MHz band, a band used primarily for private land mobile dispatch operations. However, our radio-control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without interference.

The FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio-control frequencies and cause mutual interference with radio-control operations. If the number of usable frequencies is diminished, the remaining frequencies will become congested, and the margin of safety will be greatly decreased. Model airplanes have wingspans ranging up to 10 feet and weigh as much as 40 pounds. They are capable of causing property damage, serious injury, or death if radio interference causes the operator to lose control of the craft. Organized events include hundreds of participants.

Please vote against the FCC proposal for the 72-76 MHz band.

Sincerely,

John LeFrancois

1

Philip J Roode, MD
440 Moreland Drive
Franklin, Penna. 16323
January 29, 1993

The Honorable William Clinger
United States House of Representatives
Washington, D.C. 20515

Dear Representative Clinger,

I am a voting citizen of Venango County, Pennsylvania. I also have a keen interest in making and flying radio controlled model airplanes. It has just been brought to my attention that the Federal Communications Commission (FCC) is proposing to change the frequency rules concerning radio controlled model airplanes. That is the reason for my letter.

I am referring to PR Docket 92-235. In it, the FCC is proposing to insert more commercial frequencies between the radio control frequencies. The FCC has allocated frequencies 72 MHz - 76 MHz bands for radio control and those bands are also shared by private mobile dispatch operations. As the system is now there is adequate separation between the frequencies so that there is no conflict. However if more mobile frequencies are inserted between the radio control frequencies, overlap and interference will occur.

If you have ever flown a radio control airplane or watched them fly you will quickly note that it is a fascinating hobby that is ideal for father/son relationships. I and my son both are members of two local flying clubs. We enjoy the challenge of making a plane and then the thrill of flying it. The FCC rule changes will put a big damper on this interesting hobby. Not a lot of people will notice or be affected, but those enthusiastic few like me will be profoundly affected. I have three planes each worth about $400 and am presently making two more models. If the FCC changes go into effect, I may not be able to fly them, or if I do fly them, risk their destruction due to radio interference. I face a considerable financial loss if these changes go into effect.

Also one of the primary concerns of model airplane enthusiasts is safety. I inspect my planes with each flight, checking connections, linkages, and radio. I have liability insurance as well. A fifteen pound model flying at fifty miles per hour could do a lot of damage or cause personal injury in a crash. The FCC rules will not only reduce safe frequencies but increase the possibility of interference causing a crash. This therefore poses an unnecessary safety risk not only to pilots and spectators but also to the general public.

Please do what you can to convince the FCC not implement the changes proposed in PR Docket 92-235.

Gratefully,

Philip J Roode, MD

Philip J Roode, MD